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TPW#

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/645,818	08/20/2003	Bryan Julien	300622009900



25226
 MORRISON & FOERSTER LLP
 755 PAGE MILL RD
 PALO ALTO, CA 94304-1018

CONFIRMATION NO. 8035

FORMALITIES LETTER



OC000000012525154

Date Mailed: 05/05/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- This application clearly fails to comply with the requirements of 37 CFR 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

08/02/2004 MAHMED1 00000048 201430 10645818

01 FC:2051 65.00 DA

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

SUMMARY OF FEES DUE:

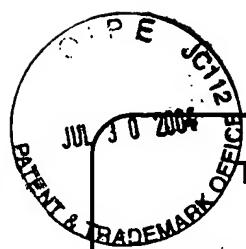
Total additional fee(s) required for this application is **\$65** for a Small Entity

- **\$65** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

Z Araya
Customer Service Center
Initial Patent Examination Division (703) 308-1202
PART 2 - COPY TO BE RETURNED WITH RESPONSE


**TRANSMITTAL
FORM**

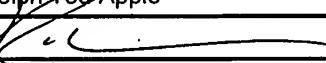
(to be used for all correspondence after initial filing)

		Application Number	10/645,818
		Filing Date	August 20, 2003
		First Named Inventor	JULIEN, Bryan
		Art Unit	1619
		Examiner Name	Not yet assigned
Total Number of Pages in This Submission		Attorney Docket Number	020547-002110US

ENCLOSURES (Check all that apply)

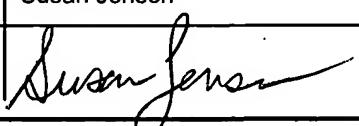
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate)	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Power of Attorney and Statement Under 3.73b	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Declaration (1 pg); Copy of Assignment (1 pg); Application Data Sheet (3 pgs); Preliminary Amendment (3 pgs); Paper copy of Sequence Listing (7 pgs); Sequence Listing on diskette; and Copy of Notice to File Missing Parts
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.	
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Townsend and Townsend and Crew LLP	Reg. No. 36,429
Signature		
Date	7/27/04	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Mail Stop: Missing Parts, P.O. Box 1450, Alexandria, VA 22313-1450

Typed or printed name	Susan Jensen		
Signature		Date	July 27, 2004

FEE TRANSMITTAL for FY 2004

JUL 30 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 120)

Complete if Known

Application Number	10/645,818
Filing Date	August 20, 2003
First Named Inventor	JULIEN, Bryan
Examiner Name	Not yet assigned
Art Unit	1619
Attorney Docket No.	020547-002110US

METHOD OF PAYMENT (check all that apply)

- Check Credit Card Money Order Other None
 Deposit Account:

Deposit Account Number **20-1430**Deposit Account Name **Townsend and Townsend and Crew LLP**

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) **\$ 120**

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Fee from below		Fee Paid
Total Claims	<input type="text"/>	-**	= <input type="text"/> X <input type="text"/> =	<input type="text"/>
Independent Claims	<input type="text"/>	-**	= <input type="text"/> X <input type="text"/> =	<input type="text"/>
Multiple Dependent		X	<input type="text"/> =	<input type="text"/>

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) **\$ 120**

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	65
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	55
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,330	2453	665	Petition to revive – unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

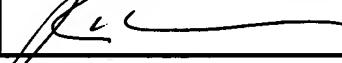
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$ 120)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Randolph Ted Apple	Registration No. (Attorney/Agent)	36,429	Telephone	650-326-2400
Signature				Date	7/27/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



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On July 27, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: Susan Jense

PATENT
Attorney Docket No.: 020547-002110US
Client Reference No.: 010067.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Bryan JULIEN

Application No.: 10/645,818

Filed: August 20, 2003

For: TRANSFORMATION SYSTEM
BASED ON THE INTEGRASE GENE
AND ATTACHMENT SITE FOR
MYXOCOCCUS XANTHUS
BACTERIOPHAGE MX9

Examiner: Not yet assigned

Art Unit: 1619

**TRANSMITTAL LETTER –
RESPONSE TO NOTICE OF MISSING
PARTS**

Attn: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the Notice to File Missing Parts of Nonprovisional Application, dated May 5, 2004, enclosed are the following to be made of record in the above-identified application:

- 1) Executed Declaration;
- 2) Power of Attorney and Certificate of Assignee Under 37 C.F.R. § 3.73(b);
- 3) Copy of Assignment;
- 4) Petition to Extend Time;
- 5) Preliminary Amendment;

- 6) Sequence Listing on one diskette; and
- 7) Copy of Notice of Missing Parts

Please charge Deposit Account No. 20-1430 for the following fees:

Small Entity:	(a) Filing Fee (§ 1.16(a)) (Small Entity)	\$0	
	(b) Excess Claims Fees (§ 1.16(b), (c)):		
	18 - 20 = 0	x \$9 =	\$0
	1 - 3 = 0	x \$43 =	\$0
	(d) Missing Parts Surcharge	\$65	
	(e) Extension of Time Fee	\$55	
	TOTAL FEES TO BE CHARGED	\$120	

The Commissioner is hereby authorized to charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to Deposit Account No. 20-1430 as indicated on the enclosed Fee Transmittal form.

Respectfully submitted,



Randolph Ted Apple
Reg. No. 36,429

Date: July 27, 2004

Customer No. 20350

TOWNSEND and TOWNSEND and CREW LLP
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Fax: 415 576-0300
RTA:sj